



IMQS SOLUTIONS

WASTE MANAGEMENT

OVERVIEW

Solid Waste Management departments and roles within municipalities and other organisations face numerous challenges in effectively & efficiently managing waste and related infrastructure. In order to support the effective and efficient management of waste, it is essential to deliver the accurate & relevant information to the appropriate roles at the right time.

IMQS's proven Waste Management System (forms a part of our suite of Infrastructure Asset Management solutions) addresses a host of challenges around manage waste management assets & services.

PROBLEM(S) / PAIN POINTS

Challenges include:

- Identifying and managing the many processes and risks associated with waste management assets & services throughout their lifecycle.
- Tight financial controls
- Pressure to deliver services on existing infrastructure
- Analysing, filtering and intelligently using massive volumes of data
- Driving compliance to legislation and standards
- Data and management tools spread across disparate systems and processes which are not integrated.

SOLUTION(S)

IMQS provides a web based spatially-enabled Waste Management Service Infrastructure application that is a component of our integrated Asset Management and Asset Registering suite of products. The system provides a facility whereby the Waste Management Service Department is enabled to capture base data relating to Waste Management Service infrastructure sites.

The Waste Management Service Department may view fixed assets contained within the Waste Management Service infrastructure sites. Additionally, a document linking facility is provided in order to spatially link, search and retrieve documents.

PRIMARY BENEFITS

The system provides the following key benefits:

- View a list of all fixed asset-components from a Valuation Asset Register as a snapshot-in-time.
- Provides a standard capturing input form whereby Waste Management Services capture the minimum required data, pertaining to Waste Management Service sites, in order to establish base data for the MIS.
- Establish a process whereby new asset data would be captured.
- Equip the right roles with relevant information that they need to optimise waste management processes.
- Improve planning and deployment of waste management infrastructure
- Derive maximum value from investment
- Ensuring extensive reporting over the data captured in the Waste Management Service Infrastructure MIS as a snapshot-in-time.
- Delivers the ability for document linking, searching and retrieval through spatial and logical, text-search functions.

CLIENT REFERENCES

- 24 Municipalities in Western Cape
- Randfontein, Mogale City, Westonaria, Kgletengrivier, Moretele, Modimolle, Mbizane
- Mbombela, Midvaal, Lesedi, Emfuleni Municipality